ABSTRACT OF THE DISCLOSURE

An image captured with a CCD is divided into blocks. Light amount correction data each set for each one of the blocks are read out from a correction value table 211g, a correction value

5   generator 211h weights the light amount correction data in accordance with the positions of target pixels to thereby generate correction values for the respective target pixels, and image field edge brightness reduction correction is performed on the respective pixels based on the correction values. Since

10 one piece of the data is set for each block, the volume of the data is small. This also prevents boundaries between the blocks from becoming noticeable.